

**Abstract of the Disclosure****ENZYME CATALYZED THERAPEUTIC AGENTS**

5           This invention provides a method for identifying potential therapeutic agents by  
contacting a target cell with a candidate therapeutic agent which is a selective substrate for an  
endogenous, intracellular enzyme in the cell which is enhanced in its expression as a result of  
selection by biologic or chemotherapy. This invention also provides methods and examples  
10 of molecules for selectively killing a pathological cell by contacting the cell with a prodrug  
that is a selective substrate for an endogenous, intracellular enzyme. The prodrug is  
subsequently converted to a cellular toxin. Further provided by this invention is a method for  
treating a pathology characterized by pathological, hyperproliferative cells in a subject by  
administering to the subject a prodrug that is a selective substrate for an endogenous,  
15 overexpressed, intracellular enzyme, and converted by the enzyme to a cellular toxin in the  
hyperproliferative cell.

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